

# INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/GB2004/005182

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01J9/00 G02B27/46 G02B26/06 G06E3/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01J G02B G06E

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| A          | VORONTSOV M ET AL: "ADVANCED PHASE-CONTRAST TECHNIQUES FOR WAVEFRONT SENSING AND ADAPTIVE OPTICS" PROCEEDINGS OF THE SPIE, vol. 4124, 2000, pages 98-109, XP002320973 BELLINGHAM, US page 99 - page 101; figure 1 | 1-18                  |
| A          | CROSSLAND W A ET AL: "HOLOGRAPHIC OPTICAL SWITCHING: THE "ROSES" DEMONSTRATOR" JOURNAL OF LIGHTWAVE TECHNOLOGY, vol. 18, no. 12, December 2000 (2000-12), pages 1845-1854, XP002320974 USIEEE. NEW YORK figure 1  | 1-18                  |
| A          | US 6 570 143 B1 (NEIL MARK ANDREW AQUILLA ET AL) 27 May 2003 (2003-05-27) abstract; figures   | 1-18                  |

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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- \*8\* document member of the same patent family

Date of the actual completion of the international search

14 March 2005

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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| Patent document<br>cited in search report |    | Publication<br>date |    | Patent family<br>member(s) | Publication<br>date |
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|   |    |                     | DE | 69901516 T2                | 10-10-2002          |
|   |    |                     | EP | 1123491 A1                 | 16-08-2001          |
|   |    |                     | ES | 2174641 T3                 | 01-11-2002          |
|   |    |                     | WO | 0017612 A1                 | 30-03-2000          |
|   |    |                     | JP | 2002525596 T               | 13-08-2002          |